

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, the information given herein is true, that I believe I am the original, first and sole (if only one name is listed below) or an or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: A METHOD OF IMMUNIZING HUMANS AGAINST SALMONELLA TYPHI USING A Vi-rEPA CONJUGATE VACCINE

which is described in: [ ☒ ] PCT International Application No. PCT/US98/25746 filed December 4, 1998 and in [ ☒ ] the attached application or [ ] the specification in Application Serial No 09/653,433 filed September 1, 2000 (if applicable) and amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known to me which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56 (a).

I hereby claim foreign priority benefits under Title 35 United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign applications(s) for patent or inventor's certificate or any PCT international applications(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

| COUNTRY | APPLICATION | DATE OF FILING<br>(DAY, MONTH, YEAR) | PRIORITY CLAIMED<br>UNDER 35 USC § 119 |
|---------|-------------|--------------------------------------|--|
|         |             |                                      | [ ] Yes [X] No                         |
|         |             |                                      | [ ] Yes [X] No                         |
|         |             |                                      | [ ] Yes [X] No                         |

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional patent application(s).

| Provisional Application Serial No. | Filing Date | Status: patented, pending, abandoned |
|------------------------------------|-------------|--------------------------------------|
|                                    |             |                                      |
|                                    |             |                                      |
|                                    |             |                                      |

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s).

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or PCT International application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

| US/PCT Application Serial No. | Filing Date      | Status: patented, pending, abandoned |
|-------------------------------|------------------|--------------------------------------|
| PCT/US98/25746                | December 4, 1998 |                                      |
|                               |                  |                                      |
|                               |                  |                                      |

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

James C. Haight (Reg. No. 25,588); David R. Sadowski (Reg. No. 32,808); Robert Benson (Reg. No. 33,612); Jack Spiegel (Reg. No. 34,477); Susan S. Rucker (Reg. No. 35,762); Stephen Finley (Reg. No. 36,357); Steven Ferguson (Reg. No. 38,448); John Peter Kim (Reg. No. 38,514); Norbert Pontzer (Reg. No. 40,777); Richard U. Rodriguez (Reg. No. 45,980) and Marlene Shinn (P-46,005) all of the Office of Technology Transfer, National Institutes of Health, 6011 Executive Boulevard, Suite 325, Rockville, Maryland 20852.

I further direct that all correspondence concerning this application be directed to:

Patent Branch  
Office of Technology Transfer  
National Institutes of Health  
6011 Executive Boulevard, Suite 325  
Rockville, MD 20852  
Telephone: (301) 496-7056  
Fax: (301) 402-0220

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of first joint inventor: Zuzana Kossaczka

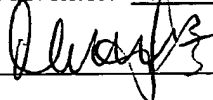
Inventor's signature: *Z. Kossaczka* Date: 10-18-01

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Full Name of second joint inventor: Shousun Chen Szu

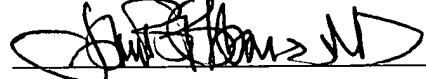
Inventor's signature:  Date: 10/16/01

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Full Name of third joint inventor: John B. Robbins

Inventor's signature:  Date: 10/16/01

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Full Name of fourth joint inventor: Rachel Schneerson

Inventor's signature: Rachel Schneerson Date: 10.16.01

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Full Name of fifth joint inventor: Joseph Shiloach

Inventor's signature: Joseph Shiloach Date: 10/16/01

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**PATENT**  
Docket No. **2026-4298US**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Zuzana KOSSACZKA et al.

Group Art Unit: 1644

Serial No : 09/653,433

Examiner: TBA

Filed : September 1, 2000

For : **A METHOD OF IMMUNIZING HUMANS AGAINST  
SALMONELLA TYPHI USING A Vi-rEPA CONJUGATE VACCINE**

Commissioner for Patents  
Washington, D.C. 20231

**ASSOCIATE POWER OF ATTORNEY**

Dear Sir:

Pursuant to the provisions of 37 CFR 1.33 and 1.34 and MPEP 402.02, the undersigned attorney of record hereby appoints the following as associate attorneys to prosecute this application and any continuation applications thereof, to receive the patent(s), and to transact all business in the Patent and Trademark Office in connection with the above-identified application:

Kurt E. Richter (Reg. No. 24,052); Eugene Moroz (Reg. No. 25,237); William S. Feiler (Reg. No. 26,728); Israel Blum (Reg. No. 26,710); Bartholomew Verdirame (Reg. No. 28,483); Maria C. H. Lin (Reg. No. 29,323); Mary J. Morry (Reg. No. 34,398); Leslie A. Serunian (Reg. No. 35,353); Dorothy R. Auth (Reg. No. 36,434); and David V. Rossi (Reg. No. 36,659) of Morgan & Finnegan, L.L.P. whose address is: 345 Park Avenue, New York, New York 10154.

Respectfully submitted,

Date

10/23/01

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